

UNITED STATES GOVERNMENT

Memorandum

TS
RM. 2106 KSC HQS.
SIDU-ADJDEFB-1 H-1 I-6
P-2 Q-2 R-6
D/C-16

DATE: MAR 5 1969

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8020-1

TO : Distribution

FROM : Apollo Program Manager, AP

SUBJECT: APD #41, "Status Reporting on Preparation of Test and Checkout Plans and Procedures," dated May 20, 1968

1. You recently received a copy of the MA/Apollo Program Director Memorandum, dated February 24, 1969, which canceled APD #41.
2. This APD had required a monthly report on operational test and checkout procedures for major tests. Since this information was already being adequately supplied under existing procedures at KSC, EX per AP request had asked that it be withdrawn.
3. Cancellation of APD #41 will have no impact on KSC.

E. O. Middleton
E. O. Middleton
Rear Admiral, U. S. Navy

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APOLLO PROGRAM DIRECTIVE NO. 41

TO : DISTRIBUTION

FROM:

Samuel P. Shilly
APOLLO PROGRAM DIRECTOR

SUBJECT : Status Reporting on Preparation of
Test and Checkout Plans and Procedures

REFERENCES: (a) NPD 8080.4, MSF Operational Test and Checkout
Procedure Reporting
(b) Apollo Program Directive No. 26-B, Preparation of
Test and Checkout Plans and Procedures at KSC
(c) NHB 2330.1, Program Scheduling and Review Handbook

OFFICE OF PRIME RESPONSIBILITY: Apollo Test (MAT)

I. PURPOSE

Reference (a) established the requirement for a monthly report on operational test and checkout procedures for major tests. This directive defines the reporting requirements on the status of preparation of test and checkout procedures required by reference (b).

II. SCOPE

The requirements defined herein apply to the preparation and launch of Apollo-Saturn space vehicles at KSC. Reporting responsibilities are described below for MSFC, MSC and KSC.

III. TIME COMPLIANCE

This Directive is effective July 1, 1968.

IV. IMPLEMENTATION

In accordance with reference (a) a monthly status report shall be submitted for management review on the preparation of test and checkout procedures for the launch of Apollo-Saturn space vehicles at KSC. The vehicle for the reporting and the format are specified in reference (c).

V. CENTER RESPONSIBILITIES

A. MSFC and MSC are responsible for status reports which shall include, as a minimum, the following:

1. Test and Checkout Requirements

- a. Need date (no later than four months prior to delivery of flight vehicles to the Cape, as per reference (b). Expected start and completion dates and progress in achieving completion of approved document.

- b. Number of deviations/waivers granted to Test and Checkout Requirements and identification of significant ones.
- 2. Test and Checkout Specifications and Criteria
 - a. Need date, expected start and completion dates and progress in achieving completion of approved document.
 - b. Number of deviations/waivers granted to Test and Checkout Specifications and Criteria and identification of significant ones.
- 3. Launch Mission Rules Input
 - a. Need date, expected start and completion dates and progress in achieving completion.
 - b. Number of deviations/waivers granted and identification of significant ones.
- B. MSC is responsible for status reports for:
 - 1. Flight Crew Procedures
 - a. Need dates, expected start and completion dates and progress in achieving completion.
- C. KSC is responsible for status reports for:
 - 1. Test and Checkout Procedures
 - a. Expected start and completion dates for preparation of TCP's, progress in achieving completion and expected test start dates for the following significant tests:
 - (1) Flight Readiness
 - (2) Countdown Demonstration
 - (3) Countdown
 - (4) CSM or LM altitude chamber tests in MSOB
 - (5) CSM or LM final integrated systems Test in MSOB
 - (6) CSM or LM integrated test in VAB or on pad prior to mating with space vehicle
 - (7) L/V over-all tests 1 and 2 in VAB or on pad
 - (8) S/V over-all tests 1 and 2 in VAB or on pad
 - (9) S/C or L/V propellant loading on pad
 - (10) S/V simulated flight in VAB or on pad
 - (11) Pyrotechnic installation in VAB or on pad